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PTO/SB/21 (08-08)

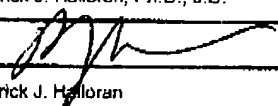
Approved for use through 03/31/2007. OMB 0851-0031

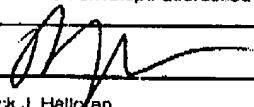
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/510,877
	Filing Date	04/08/2003
	First Named Inventor	Mark Parrington
	Art Unit	180
	Examiner Name	Charlita A Burt
	Attorney Docket Number	API-01-20-US
Total Number of Pages in This Submission		3

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of the Notice of Defective Response dated 01/08/2007 (2 pages)
<b>Remarks</b> This is a response to the Notification of Defective Response dated 01/08/2007. Fees in the amount of \$2200 are due. The undersigned hereby authorizes the Commissioner to deduct all of the fees due from Deposit Account No. 50-0244. This response is being sent via facsimile to 571-273-8300.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Patrick J. Halloran, Ph.D., J.D.		
Signature			
Printed name	Patrick J. Halloran		
Date	01/27/2006	Reg. No.	41,053

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	
Typed or printed name	Patrick J. Halloran
Date	01/27/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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01/12/07 14:37 FAX 570 895 2702

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Page 1 of 2  
JAN 29 2007

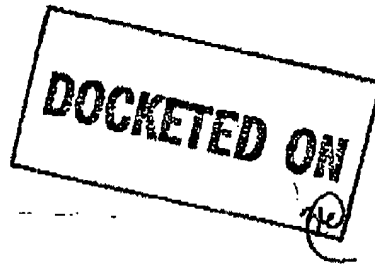


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U.S. APPLICATION NUMBER NO. 10/510,677	FIRST NAMED APPLICANT Mark Parrington	ATTY. DOCKET NO. API-01-20-US
INTERNATIONAL APPLICATION NO. PCT/US03/10916		
LA. FILING DATE 04/09/2003	PRIORITY DATE 04/16/2002	

Patrick J Halloran  
Aventis Pasteur Inc  
Intellectual Property Kenerr Bldg  
One Discovery Drive  
Swiftwater, PA 18370



CONFIRMATION NO. 4987  
371 FORMALITIES LETTER  
\*CC000000021833806\*

Date Mailed: 01/08/2007

**NOTIFICATION OF DEFECTIVE RESPONSE**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Priority Document
- Copy of the International Application filed on 10/06/2004
- Copy of the International Search Report filed on 10/06/2004
- Preliminary Amendments filed on 08/04/2006
- Biochemical Sequence Diskette filed on 08/04/2006
- Oath or Declaration filed on 10/08/2004
- Biochemical Sequence Listing filed on 08/04/2006
- Request for Immediate Examination filed on 10/06/2004
- U.S. Basic National Fees filed on 10/06/2004
- Priority Documents filed on 08/04/2006

Applicant's response filed 08/04/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/20/2005 have not been completed.

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$2200 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$2200 for a Large Entity:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing

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Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

• Total additional claim fee(s) for this application is \$ 2200

- \$400 for 4 independent claims over 3.
- \$1800 for 63 total claims over 20.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-888-217-9197 or visit our website at <http://www.uspto.gov/ebsc>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. COCKET NO.
10/510,677	PCT/US03/10916	API-01-20-US